PAGE: 001 OF 032

matt: 1 (208) 361-9112 v TO: 1010555 1(703) 872-



FEB 2 4 2005

PTO/S824(2944)
Approved for use through 07/31/2006 OM8 tts-9031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 199	5 no persons are required to respond to a coll	lection of information	บก!ess เ	displays a valid OMB control member.	
	Application Number	10/519,440	ı	<u> </u>	
TRANSMITTAL	Filing Date	29 Deceml	December, 2004		
FORM	First Named Inventor	Bill Richard	er		
·	Art Unit				
(to be used for all correspondence affer initia	Examiner Name				
Total Number of Pages in This Submission 32 Attorney Docket Number RDWD0			1-US	SA)	
Total Number of Fages in This Guornission		<u> </u>			
	ENCLOSURES (Check all	that apply)		Allowance Communication to TC	
Fee Transmittal Form Fee Attached	Drawing(s) Licensing-related Papers		Appe	al Communication to Boats/ peals and Interferences	
Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53	Petition Petition to Convert to a Provisional Application Power of Attorney. Revocation Change of Correspondence A Terminal Disclaimer Request for Refund CD. Number of CD(s) Landscape Table on CD Remarks	ddress V	Propr Status Other below	al Communication to TC al Notice, Brief, Repty Brief) ietary Information s Letter Enclosure(s) (please Identify): nt references	
SIGNA	TURE OF APPLICANT, ATTOR	RNEY, OR AG	ENT		
Firm Name					
Signature Bill Richard	Baker				
Printed name Bill Richard Bak	er				
Date 02-23-2005	R	leg. No.			
C	ERTIFICATE OF TRANSMISSI	ON/MAILING			
I hereby certify that this correspondence is t sufficient postage as first class mail in an er the date shown below:					
Signature Sill Ri	ichand Baker				
Typed or printed name Bill Richar	d Baker		Date	02-23-2005	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/\$3/09A(09/03)

Approved for use through 07/3 t/2006, OMB 085/203.
U.S. Patent and Trademark Office; U.S. DEFARTMENT OF CONCERNE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless if contains a valid OMB contrained

Complete if Known Substitute for form 1449/PTO Application Number 10/519,440 Filing Date 29 December, 2004 INFORMATION DISCLOSURE First Named Inventor Bill Richard Baker STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) Examiner Name Attorney Docket Number RDWD0301-USA lofl

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials* N	No.	Number-Kind Code ^{2 (Vikuali)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Report Figures Appear
		^{US-} 3,869,711	03-04-1975	BERNARD, et al.	
		^{US-} 5,333,140	07-26-1994	MORARU, et al.	
		^{US-} 6,304,407	10-26-2001	BAKER, et al.	
		^{US-} 3,686,649	08-22-1972	BEHR	
		^{US-} 5,784,296	07-21-1998	BAKER, et al.	
		^{US-} 6,469,848	10-22-2002	HAMADA, et al.	
		^{US-} 6,704,156	03-09-2004	BAKER, et al.	none, cited by PCT
	Ī .	^{US-} 5,570,247	10-29-1996	BROWN, et al.	none, cited by PCT
-		^{US-} 5,661,760	08-26-1997	PATAPOUTIAN, et al.	none, cited by PCT
		US-			
		US- 2002/0101670A1	08-01-2002	ISHIDA, et al.	
		US-			
		^{US-} 10/060,914	01-29-2002	BAKER	none, now abandoned
		US-			
		U\$-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	L	Country Code ³ "Number * "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T,
•		GB 2,361,576A	10-24-2001	BAKER, et al.	none, PCTcited	
	L					
					<u> </u>	igspace
						$ldsymbol{ldsymbol{\sqcup}}$

Examiner	Date	T	
		1	
Signature	Considered		
	1		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant, *Applicant's unique citation designation number (optional), *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandrix, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

RECEIVED CENTRAL FAX CENTER

FEB 2 4 2005

PTO/SB/038 (93-03)

Approved for use through 67/31/2006. OMB 0531-9031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Pagerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/519,440 INFORMATION DISCLOSURE Filing Date 29 December, 2004 STATEMENT BY APPLICANT First Named Inventor Bill Richard Baker Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 1 RDWD0301-USA

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ISHIDA, et al., "Printed media technology for an effective and inexpensive servo track writing of HDDs", IEEE Trans. Magn., Vol. 37, No. 4, Jul., 2001, pp1875-1877.	
		ISHIDA, et al., "Demodulation of servo tracking signals printed with a lithographically patterned master disk", IEEE Trans. Magn., Vol. 37, No. 4, Jul., 2001, pp1412-1415.	
		SAITO, et al., "Magnetic printing technique for longitudinal thin film media with high coercivity of 6000 Oe", J. Appl. Phys., Vol. 91, No. 10, May, 2002, pp8688-8690.	
		SUGITA, et al., "A novel magnetic contact duplication technique for servowriting on magnetic disks", IEEE Trans. Magn., Vol. 36, No. 5, Sep., 2000, pp2285-2287.	
		TSANG, et al., "Disk-noise induced peak jitters in high density recording", IEEE Trans. Magn., Vol. 29, No. 6, Nov., 1993, pp3975-3977.	
		VAN HERK, "Analytical expressions for side fringing response and crosstalk with finite head and track widths", IEEE Trans. Magn., Vol. 13, No. 6, Nov., 1977, pp1764-1766.	
		WANG, "Photo thermal patterning on magnetic media", J. Appl. Phys., Vol. 91, No. 10, May, 2002, pp8685-8687.	
		BAKER, "Tradeoffs for magnetic printing of servo patterns", J. Appl. Phys., Vol. 91, No. 10, May, 2002, pp8691-8693.	
		BAKER, "Direct print servo patterns for disk drives", MMM2004, paper EE-02, presented Nov. 10, 2004, to be published in J. Appl. Phys., May, 2005.	
		presented Nov. 10, 2004, to be published in J. Appl. 1 flys., May, 2005.	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patent and Trademark Office. P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.